

**Flood Control Project Maintenance
Levee Inspections**

Maintenance Issue Types Only, Levee Inspection Report By Mile - Fall 2016

Reclamation District No. 2075 McMullin

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	09/19/2016 09/19/2016	Herman Phillips

LM Start		Rating **	A	Issue No.	9
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_RD2075_01_f_2014_9				
Comment Code					
Inspector Comment					
RD 2075 has the O&M Manual on file.					

No Photos

LM Start		Rating **	A	Issue No.	10
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_RD2075_01_f_2014_10				
Comment Code					
Inspector Comment					
RD 2075 has emergency supplies stored in their building.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Reclamation District No. 2075 McMullin

No Photos

Looking downstream from levee mile 0.10 landside slope.

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	09/19/2016 09/19/2016	Herman Phillips

LM Start	0.99	Rating **	M	Issue No.	13
LM End	1.00	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.740015 °	37.739830 °
				-121.281243 °	-121.281217 °
DWR ID	DWR_RD2075_01_f_2016_13				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.01	Rating **	U	Issue No.	15
LM End	1.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.739792 °	37.735405 °
				-121.281220 °	-121.283015 °
DWR ID	DWR_RD2075_01_f_2016_15				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Weeds taller than 5-foot on the shoulder and slope. Remove from the levee section.					

Photo 1 of 1 : FA_2016_RD2075_315_15_20160920_00026.jpg



Looking downstream from the landside levee slope.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Unit No. 01 San Joaquin River	Right	7.45	09/19/2016 09/19/2016	Herman Phillips

LM Start	1.01	Rating **	U	Issue No.	16
LM End	1.36	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.739762 °	37.735405 °
				-121.281227 °	-121.283015 °
DWR ID	DWR_RD2075_01_f_2016_16				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Weeds taller than 5-foot on the slope and shoulder. Remove the vegetation from the levee section.					

Photo 1 of 1 : FA_2016_RD2075_315_16_20160920_00027.jpg



RD 2075 Waterside levee slope looking downstream from levee mile 1.01.

LM Start	1.06	Rating **	M	Issue No.	17
LM End	1.06	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			37.739073 °	37.739073 °
				-121.281620 °	-121.281620 °
DWR ID	DWR_RD2075_01_f_2016_17				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					
The tree limbs should not be able to touch top of vehicle as it passes under.					

No Photos

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CR : Crown

** Rating
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U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
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Unit No. 01 San Joaquin River	Right	7.45	09/19/2016 09/19/2016	Herman Phillips

LM Start	1.13	Rating **	U	Issue No.	18
LM End	1.36	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.738038 °	37.735405 °
				-121.281702 °	-121.283015 °
DWR ID	DWR_RD2075_01_f_2016_18				
Comment Code					
V9 : Keep the crown roadway free of vegetation.					
Inspector Comment					
Remove the unwanted weeds from the crown. The roadway should be free of vegetation.					

Photo 1 of 1 : FA_2016_RD2075_315_18_20160920_00028.jpg



Looking downstream from levee mile 1.13- 1.36.

LM Start	1.94	Rating **	M	Issue No.	19
LM End	2.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.735792 °	37.731365 °
				-121.291987 °	-121.293700 °
DWR ID	DWR_RD2075_01_f_2016_19				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the sprayed wild growth of tumbleweeds and Johnson grass from the waterside slope.					

No Photos

LM Start	1.94	Rating **	M	Issue No.	20
LM End	2.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.735768 °	37.734342 °
				-121.292032 °	-121.294205 °
DWR ID	DWR_RD2075_01_f_2016_20				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove the sprayed weeds from the land side slope.					

No Photos

*** Location**
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WS : Water Side
CR : Crown

**** Rating**
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M : Minimally Acceptable C : Corrected
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	09/19/2016 09/19/2016	Herman Phillips

LM Start	5.20	Rating **	M	Issue No.	22
LM End	5.57	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.728863 °	37.724760 °
				-121.275175 °	-121.270945 °
DWR ID	DWR_RD2075_01_f _ 2016_22				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	5.20	Rating **	M	Issue No.	21
LM End	5.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.728863 °	37.722035 °
				-121.275175 °	-121.268760 °
DWR ID	DWR_RD2075_01_f_2016_21				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 San Joaquin River	Right	7.45	09/19/2016 09/19/2016	Herman Phillips

LM Start	5.28	Rating **	M	Issue No.	1
LM End	5.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.727933 °	37.727933 °
				-121.274491 °	-121.274491 °
DWR ID					

Comment Code

Inspector Comment

07/12/2016: No significant change observed.
 08/28/2015: No significant change observed. Loose material is visible at the upper levee slope. The loose soil may have been caused by runoff.
 08/18/2014: No significant change observed.
 09/10/2013: No significant change observed.
 09/13/2012: No significant change observed.
 08/18/2011: No significant change observed. Some new material added to the water side levee slope, but the added material is loose and seems not helping the levee protection.
 10/05/2010: No significant change observed. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee.
 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.
 08/20/2009: No major change since last visit; site is located in an oxbow; slope surface consists of very sandy material; there is a tree on site leaning and with exposed tree roots; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Eddy Cordoza from the district is aware of the site and is looking for recommendation; site is previously rated "U".
 08/17/2007: Site is close to an irrigation pump inlet. [2016 Site ID:RD2075U01RM64.34]

LM Start	5.28	Rating **	M	Issue No.	1 (cont)
LM End	5.29	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : SJR2016_RD2075U01RM64.34_1.jpg



Upstream view of the erosion site.

Photo 2 of 3 : SJR2016_RD2075U01RM64.34_3.jpg



Looking upstream at the site.

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LM Start	5.28	Rating **	M	Issue No.	1 (cont)
LM End	5.29	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR Erosion Survey			37.727933 °	37.727933 °
				-121.274491 °	-121.274491 °
DWR ID					

Comment Code

Inspector Comment

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 08/28/2015: No significant change observed. Loose material is visible at the upper levee slope. The loose soil may have been caused by runoff.
 08/18/2014: No significant change observed.
 09/10/2013: No significant change observed.
 09/13/2012: No significant change observed.
 08/18/2011: No significant change observed. Some new material added to the water side levee slope, but the added material is loose and seems not helping the levee protection.
 10/05/2010: No significant change observed. Levee slope has minimal vegetation and lacks rip rap protection. Sandy material found on the lower and middle slope is an undesirable material to have on a levee.
 08/05/2010: Recommended for annual assessment and monitoring during flood events, per CLRO.
 08/20/2009: No major change since last visit; site is located in an oxbow; slope surface consists of very sandy material; there is a tree on site leaning and with exposed tree roots; site is recommended as a local maintenance issue, per CLRO CES Evaluation 2008 Report; Eddy Cordoza from the district is aware of the site and is looking for recommendation; site is previously rated "U".
 08/17/2007: Site is close to an irrigation pump inlet. [2016 Site ID:RD2075U01RM64.34]

Photo 3 of 3 : SJR2016_RD2075U01RM64.34_4.jpg



Direct view of the levee slope. Note the loose soil possibly caused by runoff.

LM Start	7.08	Rating **	A	Issue No.	23
LM End	7.44	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.713438 °	37.710260 °
				-121.263490 °	-121.268377 °
DWR ID	DWR_RD2075_01 f _ 2016_23				

Comment Code

V1 : Control annual grass and weeds on the levee slopes and easements.

Inspector Comment

No Photos

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Unit No. 01 San Joaquin River	Right	7.45	09/19/2016 09/19/2016	Herman Phillips

LM Start	7.10	Rating **	A	Issue No.	24
LM End	7.44	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			37.713390°	37.710260°
				-121.263798°	-121.268377°
DWR ID	DWR_RD2075_01_f_2016_24				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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